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PTO/SB/17 (12/99)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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NO FEE TRANSMITTAL for FY 2003 <i>Patent fees are subject to annual revision, Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 AND 1.28</i>		Complete if Known	
		Application Number	09/886,839
		Filing Date	June 20, 2001
		First Named Inventor	ANDREW WITKOWSKI
		Examiner Name	Not yet available
TOTAL AMOUNT OF PAYMENT		(\$)	0.00
		Attorney Docket No.	50277-1546

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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)			
1. <input checked="" type="checkbox"/> Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.		3. ADDITIONAL FEES			
Deposit Account Number: 50-1302		Large Entity Fee Code Small Entity Fee Code Fee Description Fee Paid			
Deposit Account Name: Hickman Palermo Truong & Becker, LLP					
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		1051 130 2051 65 Surcharge - late filing fee or oath			
3. <input type="checkbox"/> Applicant(s) is entitled to small entity status. See 37 CFR 1.27		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.			
		1053 130 1053 130 Non-English specification			
		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action			
		1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
		1251 110 2251 55 Extension for reply within first month			
		1252 410 2252 205 Extension for reply within second month			
		1253 930 2253 465 Extension for reply within third month			
		1254 1,450 2254 725 Extension for reply within fourth month			
		1255 1,970 2255 985 Extension for reply within fifth month			
		1401 320 2401 160 Notice of Appeal			
		1402 320 2402 160 Filing a brief in support of an appeal			
		1403 280 2403 140 Request for oral hearing			
		1451 1,510 1451 1,510 Petition to institute a public use proceeding			
		1452 110 2452 55 Petition to revive - unavoidable			
		1453 1,300 2453 650 Petition to revive - unintentional			
		1501 1,300 2501 650 Utility issue fee (or reissue)			
		1502 470 2502 235 Design issue fee			
		1503 630 2503 315 Plant issue fee			
		1460 130 1460 130 Petitions to the Commissioner			
		1807 50 1807 50 Petitions related to provisional applications			
		1806 180 1806 180 Submission of information Disclosure Stmt			
		8021 40 8021 40 Recording each patent assignment per property (times number of properties)			
		1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))			
		1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))			
		Other fee (specify) _____			
		Other fee (specify) _____			
1. BASIC FILING FEE					
Large Entity Fee Code Small Entity Fee Code Fee Description Fee Paid					
1001 750 2001 375 Utility filing fee					
1002 330 2002 165 Design filing fee					
1003 520 2003 260 Plant filing fee					
1004 750 2004 375 Reissue filing fee					
1005 160 2005 80 Provisional filing fee					
SUBTOTAL (1)		(\$)			
2. EXTRA CLAIM FEES					
Total Claims Extra Claims Fee from Below Fee Paid					
Independent Claims 40 -40 = 0 X 18.00 = 0.00					
Multiple Dependent 3 -6 = 0 X 84.00 = 0.00					
**or number previously paid, if greater; For Reissues, see below					
Large Entity Fee Code Small Entity Fee Code Fee Description Fee Paid					
1202 18 2202 9 Claims in excess of 20					
1201 84 2201 42 Independent claims in excess of 3					
1203 280 2203 140 Multiple dependent claim, if not paid					
1204 84 2204 42 **Reissue independent claims over original patent					
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent					
SUBTOTAL (2)		(\$)			
		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	MARCEL K. BINGHAM	Registration No. (Attorney/Agent)	42,327
Signature		Telephone	(408) 414-1080
		Date	March 18, 2003

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Docket No.: 50277-1546

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4/4/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Confirmation No.: 6253

Andrew Witkowski, et al.

Group Art Unit No.: 2176

Serial No.: 09/886,839

Examiner: NYA

Filed on: June 20, 2001

For: PERFORMING SPREADSHEET-LIKE
CALCULATIONS IN A DATABASE SYSTEM

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

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Sir:

Prior to examination of the above-referenced application, please amend the application by amending claims 1, 7, 8, 12, and 18 as follows. Please cancel claims 21 – 40. Please add claims 41 – 60 as follows.

IN THE CLAIMS

- AT
B1
- 1 1. (Amended) A method for performing a database operation, comprising the
 - 2 computer-implemented steps of:
 - 3 receiving, at a database server, a database query that specifies an operation for
 - 4 manipulating data;
 - 5 in response to receiving said database query, the database server executing the query by
 - 6 performing steps that include:
 - 7 retrieving data from a relational structure;
 - 8 storing the data in a non-relational structure that can be addressed as a multi-dimensional
 - 9 array; and